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ABSTRACT

An effects processor for an effects module. The effects processor comprises a RISC processor, a DSP for fast integer multiplication and a small memory. The processor uses VARK language and a lookup table of VARK scripts to apply a variety
5 of effects to images stored outside the effects module. The effects processor includes a serial bus interface which communicates with the Serial Bus of a compact printer system comprising one or more further modules. The Serial Bus communicates power and data between the effects module and one or more of the further modules.

10 Methods of compositing, convolving, warping and color substitution are described.